

ABSTRACT

The invention relates to a structured surface with ultraphobic properties. Said surface as a surface topography in which the value of the integral of a function  $S$ :  $S(\log f) = a(f) \cdot f$ , which gives a relationship between the spatial frequencies  $f$  of the individual Fourier components and their amplitudes  $a(f)$  is at least 0.5 between the integration limits  $\log (f_1/\mu\text{m}^{-1}) = -3$  and  $\log (f_2/\mu\text{m}^{-1}) = 3$ . The surface consists of a hydrophobic or oleophobic material or is coated with a hydrophobic or oleophobic material.